[constituting essentially] an equipotential surface, and intermediate solid insulation between the layers.

Claim 2 (Amended), line 1, delete "characterized in";

Line 2, delete "that" and insert --wherein--.

Claim 3. (Amended) A plant as claimed in claim 1 [or 2], [characterized in that] wherein at least one of the layers has substantially the same coefficient of thermal expansion as the solid insulation.

~~Claim 4. (Amended) A plant as claimed in [any of claims] claim 1 [-3],~~ [characterized in that] wherein all transformation of substantial power is arranged to take place in the same electric motor.

~~Claim 5. (Amended) A plant as claimed in claim 1, wherein [any of claims 1-4],~~ characterized in that] wherein the insulation [is built up of a] comprises cable [(6)] intended for high voltage, ~~comprising one~~ or more current-carrying conductors [(31)] surrounded by at the least two semiconducting layers [(32, 34)] with intermediate ~~insulating layers [(33)] of solid insulation.~~

~~Claim 6. (Amended) A plant as claimed in claim 5, [characterized in that]~~ wherein the innermost semiconducting layer [(32)] is at substantially the same potential as the conductor(s) [(31)].

Claim 7. (Amended) A plant as claimed in [either] claim 5 [or claim 6], [characterized in that] wherein one of the outer semiconducting layers [(34)] is ~~arranged to form essentially an equipotential surface surrounding the conductor(s)~~

sub B3 cont.) ~~[(31)]~~

Claim 8 (Amended), line 1, delete "characterized in";

Line 2, delete "that" and insert --wherein--; delete "(34)".

Claim 9 (Amended), line 1, delete "characterized in";

Line 2, delete "that" and insert --wherein--.

sub B4) ~~Claim 10. (Amended) A plant as claimed in [any of claims] claim 5[-9],~~ [characterized in that] wherein at least two of said layers have substantially the same coefficient of thermal expansion.

B3 cont. Claim 11. (Amended) A plant as claimed in [any of claims] claim 5[-7], [characterized in that] wherein the current-carrying conductor comprises a plurality of strands, only a few of the strands not being insulated from each other.

Claim 12 (Amended) A plant as claimed in [any of claims] claim 1[-11], characterized in that] wherein the winding [consists of] comprises a cable comprising one or more current-carrying conductors [(2)], each conductor [consisting of] including a number of strands, an inner semiconducting layer [(3)] being arranged around each conductor, an insulating layer [(4)] of solid insulation being arranged around each inner semiconducting layer [(3)] and an outer semiconducting layer [(5)] ~~being arranged around each insulating layer [(4)].~~

Claim 13 (Amended), line 1, delete "characterized in";

Line 2, delete "that" and insert --wherein--; delete "also".

sub B5) ~~Claim 14. (Amended) A plant as claimed in [any of the preceding claims],~~

claim 1, [characterized in that] wherein the stator of the motor is cooled at earth potential by means of a flow of gas and/or liquid.

Claim 15. (Amended) A plant as claimed in [any of the preceding claims], claim 1 [characterized in that] wherein the high-voltage cables [(6)] have a conductor area of about between 40 and 300 mm^2 and have an outer cable diameter of about between 10 and 250 mm.

Claim 16. (Amended) A plant as claimed in claim 1, further comprising an electric static machine for series connection to the motor for limiting at least one of [any of the preceding claims, characterized in that the] start current and[/or] fault [or] current for the rotating electric motor[(s) is arranged to be limited by an electric static machine, *i.e.* a reactor/inductor, which is temporarily and/or permanently connected in series with the armature winding of the rotating electric machine (Figure 4)].

Claim 17. (Amended) A plant as claimed in [any of the preceding claims, characterized in that] claim 1, wherein the neutral point of at least one motor is earthed via an impedance.

Claim 18. (Amended) A plant as claimed in [any of the preceding claims, characterized in that] claim 1, wherein the neutral point of at least one motor is directly connected to earth.

Claim 19. (Amended) A plant as claimed in [any of the preceding claims, characterized in that] claim 1, wherein the motor is operative to produce [arranged to operate as producer] of reactive power with temporarily large overload capacity.

Claim 20. (Amended) A plant as claimed in [any of the preceding claims, characterized in that] claim 1, wherein the motor is connectable [arranged to be connected] to a distribution network or transmission network via coupling elements and without any step-down transforming of the voltage level.

Claim 21. (Amended) A plant as claimed in [any of the preceding claims, characterized in that] claim 1, wherein the motor is connectable [arranged to be connected] to a distribution network or transmission network having a supply voltage in excess of 36 kV.

Claim 22. (Amended) A plant as claimed in [any of the preceding claims, characterized in that] claim 1, wherein the winding of the motor is adapted [arranged] for self-regulating field control [and lacks] free of auxiliary means for control of the field.

Claim 23 (Amended), line 3, delete "characterized in that" and insert --wherein--.

Claim 25 (Amended), line 2, delete "characterized in that" and insert --wherein--.

Claim 26 (Amended), line 1, delete "characterized in";

Line 2, delete "that" and insert --wherein--.

~~Claim 27. (Amended) A motor as claimed in claim 25 [or claim 26],~~ [characterized in that] wherein it has one or more connection voltages.

Add the following new claims 29-39:

29. A plant for high-voltage electric plant including a motor including at least one winding, wherein said winding comprises a cable including at least one current-carrying conductor and a magnetically permeable, electric field confining cover surrounding the conductor, said cable forming at least one uninterrupted turn in the corresponding winding of said machine.

30. The plant of claim 29, wherein the cover comprises an insulating layer surrounding the conductor and an outer layer surrounding the insulating layer, said outer layer having a conductivity sufficient to establish an equipotential surface around the conductor.

31. The plant of claim 29, wherein the cover comprises an inner layer surrounding the conductor and being in electrical contact therewith; an insulating layer surrounding the inner layer and an outer layer surrounding the insulating layer.

32. The plant of claim 31, wherein the inner and outer layers have semiconducting properties.

33. The plant of claim 29, wherein the cover is formed of a plurality of layers including an insulating layer and wherein said plurality of layers are substantially void free.

34. The plant of claim 29, wherein the cover is in electrical contact with the conductor.

35. The plant of claim 34, wherein the layers of the cover have substantially the same temperature coefficient of expansion.

36. The plant of claim 35, wherein the machine is operable at 100% overload for two hours.

~~37. The plant of claim 29, wherein the cable is operable free of sensible end winding loss~~.

38. The plant of claim 29, wherein the winding is operable free of partial discharge and field control.

39. The plant of claim 29, wherein the winding comprises multiple uninterrupted turns

~~40. The plant of claim 29, wherein the cable is~~

41. The plant of claim 29, wherein the cable comprises a transmission line. --

If any multiple dependencies exist in the claims, it is respectfully requested that such dependencies be removed.

REMARKS

By this Preliminary Amendment claims have been amended to better conform the claims with U.S. practice and to remove multiple dependencies therefrom. New claims set forth the invention in a different scope.

Respectfully submitted,

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